

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office  <b>SUPPLEMENTAL INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>	Atty. Docket No. 97,022-D1-CO	Serial No. 10/685,737
	Applicant: Rubin, et al.	
	Filing Date: October 15, 2003	Group: <del>1641</del> 1631 (AS)


## U. S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AS	1	6,727,071	4-27-04	Dunlay, et al.	33/53	435/7.21	2-27-98
	2	6,620,591	7-16-03	Dunlay, et al.	33/533	435/7.2	4-16-99
	3	6,416,959	7-9-02	Giuliano, et al.	33/533	435/7.2	2-25-00
	4	5,989,835	11-23-99	Dunlay, et al.	33/533	435/7.2	2-27-97
	5	6,573,039	6-3-03	Dunlay, et al.	33/53	435/4	8-29-00
	6	6,671,624	12-30-03	Dunlay, et al.	33/48	702/19	11-27-00

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
Examiner <i>A. J. Smith</i>				Date Considered 4/28/06			

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## U. S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AS	1	5,670,113	9-23-97	Akong, et al.			12-13-92
	2	5,732,150	3-24-98	Zhou, et al.			9-19-95
	3	5,790,710	8-4-98	Price, et al.			1-17-97
	4	5,885,840	3-23-99	Kamentsky, et al.			2-10-97
	5	5,072,382	12-10-91	Kamentsky, et al.			10-2-89
	6	5,107,422	4-21-92	Kamentsky, et al.			9-14-90
	7	4,647,531	3-3-87	Kamentsky, et al.			2-6-84
	8	5,919,646	7-6-99	Okun, et al.			8-1-97
	9	5,891,646	4-6-99	Barak, et al.			6-5-97
	10	6,004,808	12-21-99	Negulescu, et al.			6-19-97

## FOREIGN PATENT DOCUMENTS


		Document Number	Date	Country	Class	Subclass	Translation Yes No	
AS	11	WO 98/13353	4/2/98	PCT			X	
	12	WO 97/48820	12/24/97	PCT			X	
	13	WO 97/20931	6/12/97	PCT			X	
	14	WO 98/10287	3/12/98	PCT			X	
	15	WO 98/38490	9/3/98	PCT			X	
	16	WO 00/70342	11/23/00	PCT			X	
	17	WO 00/50872	8/31/00	PCT			X	
	18	WO 00/17643	3/30/00	PCT			X	
	19	WO 0/03246	1/20/00	PCT			X	
	20	WO 00/26408	5/11/00	PCT			X	
	21	WO 98/45704	10/15/98	PCT			X	
	22	WO 97/45730	12/4/97	PCT			X	

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Filing Date: October 15, 2003	Group: 1641 / 1637 (18)	

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

23	23	Cosima T. Baldari, et al., (1998), <i>Biologicals</i> , 26(1): pp. 1-5.
24	24	David Baldwin Jr., et al., (1980), <i>Proc. Natl. Acad. Sci.</i> , 77(10): pp. 5975-5978.
25	25	Andrew B. Tobin, et al., (1992), <i>Mol. Pharmacol.</i> , 42: pp. 1042-1048.
26	26	J. Baumgold, et al., (1989), <i>Neuropharmacology</i> , 28(11): pp. 1253-1261.
27	27	Shigenobu Kanba, et al., (1990), <i>Biochemical Pharmacology</i> , 40(5): pp. 1005-1014.
28	28	Steven S. Yu, et al., (1993), <i>The Journal of Biological Chemistry</i> , 268(1): pp. 337-341.
29	29	Larry S. Barak, et al., (1994), <i>The Journal of Biological Chemistry</i> , 269(4): pp. 2790-2795.
30	30	Kathleen M. Krueger, et al., (1997), <i>The Journal of Biological Chemistry</i> , 272(1): pp. 5-8.
31	31	Galina S. Bogatkewitsch, et al., (1996), <i>Molecular Pharmacology</i> , 50: pp. 424-429.
32	32	Mark von Zastrow, et al., (1994), <i>The Journal of Biological Chemistry</i> , 269(28): pp. 18448-18452.
33	33	Thomas Koch, et al., (1998), <i>The Journal of Biological Chemistry</i> , 273(22): pp. 13652-13657.
34	34	Mario Tiberi, et al., (1996), <i>The Journal of Biological Chemistry</i> , 271(7): pp. 3771-3778.
35	35	Antia Seibold, et al., (1998), <i>The Journal of Biological Chemistry</i> , 273(13): pp. 7637-7642.
36	36	Christopher J. Stefan, et al., (1998), <i>Molecular Biology of the Cell</i> , 9: pp. 885-899.
37	37	Nadya I. Tarasova, et al., (1997), <i>The Journal of Biological Chemistry</i> , 272(23): pp. 14817-14824.
Examiner 		Date Considered 4/28/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

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	Applicant: Rubin, et al.	
	Filing Date: October 15, 2003	Group: 1641 / 1631 (18)


38	Veronica Segredo, et al., (1997), <i>Journal of Neurochemistry</i> , 68: pp. 2395-2404.
39	Lorena Kallal, et al., (1998), <i>The Journal of Biological Chemistry</i> , 273(1): pp. 322-328.
40	Guohong Zhang, et al., (1996), <i>Biochemical and Biophysical Research Communications</i> , 227: pp. 707-711.
41	Xionghu Yang, et al., (1998), <i>The Journal of Biological Chemistry</i> , 273(17): pp. 10763-10770.
42	Yong Peng, et al., (1998), <i>The Journal of Biological Chemistry</i> , 273(27): pp. 17286-17295.
43	Anthony K. Campbell, et al., (1983), <i>Biochem.J.</i> , 216: pp. 185-194.
44	Graciela Sala-Newby, et al., (1992), <i>Federation of European Biochemical Societies</i> , 307(2): pp. 241-244.
45	Annette G. Beck-Sickinger, et al., (1996), <i>Drug Discovery Today</i> , 1(12): pp. 502-513.
46	Carl-Henrik Heldin, et al., (1982), <i>The Journal of Biological Chemistry</i> , 257(8): pp. 4216-4221.
47	Rosana Kapeller, et al., (1993), <i>Molecular and Cellular Biology</i> , 13(10): pp. 6052-6063.
48	Raphael Zidovetzki, et al. (1981), <i>Proc. Natl. Acad. Sci. USA</i> , 78(11): pp. 6981-6985.
49	Laura Beguinot, et al., (1984), <i>Proc. Natl. Acad. Sci. USA</i> , 81: pp. 2384-2388.
50	David R. Emlet, et al., (1997), <i>The Journal of Biological Chemistry and Molecular Biology</i> , 272(7): pp. 4079-4086.
51	Richard D. Klausner, et al., (1982), <i>The Journal of Biological Chemistry</i> , 258(8): pp. 4715-4724.
52	Gianni M. Di Guglielmo, et al., (1998), <i>Molecular and Cellular Biochemistry</i> , 182: pp. 59-63.

Examiner <i>A. Shultz</i>	Date Considered <i>4/28/06</i>
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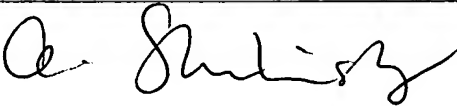
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	Filing Date: October 15, 2003	Group: 1641 1631 (P8)

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

109	53	J. Kolega, et al., (1993), Bioimaging, 1: pp. 136-150.
	54	Jenkins, et al., (1990), Biochem. Soc. Trans., 18: pp. 463-464.
	55	Ciechanover, et al., (1983), J. Cell. Biochem., 23(1-4): pp. 107-130.
	56	Heim and Tsien, (1996), Current Biology, Vol: 6 pp. 178-182.
	57	Giuliano, Kenneth A., et al., (1995), Current Opinion in Cell Biology, "Measurement and manipulation of cytoskeletal dynamics in living cells", 7:(1), pp. 4-12.
	58	Giuliano, Kenneth A., et al, (1995), Annual Review of Biophysics and Biomolecular Structure, "Fluorescent protein biosensors: measurement of molecular dynamics in living cells" 24: pp. 405-434.
	59	Giuliano, Kenneth A., et al., (1998), Trends in Biotechnology, GB, Elsevier Publication, Cambridge, "Fluorescent-protein biosensors: new tools for drug discovery", 16:(3), pp. 135-140.
	60	Conway, B.R., et al., (1999), Journal of Biomolecular Screening, "Quantification of G-protein coupled receptor internalization using G-protein coupled receptor-green fluorescent protein conjugates with the ArrayScan high-content screening system", 4:(2), pp. 75-86.
	61	Chen, et al., (1997), Biophysical Journal, "Changes in the Spectral Properties of a Plasma Membrane Lipid Analog During the First Seconds of Endocytosis in Living Cells", Vol. 72, pp. 37-50.
	62	Tarasova, et al., (1997), The Journal of Biological Chemistry, "Visualization of G Protein-coupled Receptor Trafficking with the Aid of the Green Fluorescent Protein", Vol. 272 No. 23, pp. 14817-14824.
	63	Oancea, et al., (1998), The Journal of Cell Biology, "Green Fluorescent Protein (GFP)-tagged Cysteine-rich Domains from Protein Kinase C as Fluorescent Indicators for Diacylglycerol Signaling in Living Cells", Vol. 140 No. 3, pp. 485-498.
	64	Barak, et al., (1997), Molecular Pharmacology, "Internal Trafficking and Surface Mobility of a Functionally Intact $\beta_2$ -Adrenergic Receptor-Green Fluorescent Protein Conjugate", Vol: 51, pp. 177-184.
	65	Benveniste, et al., (1989), The Journal of Cell Biology, "Characterization of Internalization and Endosome Formation of Epidermal Growth Factor in Transfected NIH-3T3 Cells by Computerized Image-intensified Three-dimensional Fluorescence Microscopy", Vol: 109, pp. 2105-2115.
Examiner 		Date Considered 4/28/06

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	Applicant: Rubin, et al.	
	Filing Date: July 12, 1999	Group: 1631

66	66	Dow, et al., (1996), Cytometry, "Automatic Multiparameter Fluorescence Imaging for Determining Lymphocyte Phenotype and Activation Status in Melanoma Tissue Sections", Vol: 25, pp. 71-81.
67	67	Giuliano, et al., (1997), Journal of Biomolecular Screening, "High-Content Screening: A New Approach to Easing Key Bottlenecks in the Drug Discovery Process", Vol: 2(4), pp. 249-259.
68	68	Grundloch, et al., (1973), medizinische Klinik, "The New Zeiss Axiomat Microscope for Biology and Medicine", Vol: 68 (33), pp. 4-5.
67	67	Ranefall, et al., (1997), Analytical Cellular Pathology, "A New Method for Segmentation of Colour Images Applied to Immunohistochemically Stained Cell Nuclei", Vol: 15, pp. 145-156.
70	70	Xu-Van, et al., (1994), Microscopy Research and Technique, "Automated Image Analyzing System for the Quantitative Study of Living Cells in Culture", Vol: 28, pp. 440-447.
Examiner 		Date Considered 4/28/06

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